IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant(s):	Joel R. DUFRESNE	et al.	Group Art Uni	t: 1774				
Applicant(s): Serial No.:	10/682,597		Examiner:	Lyle Alexande	r			
Confirmation No			5 1					
Filed:	9 October 2003		Docket No.:	58663US002				
Title:	MULTILAYER PRO	OCESSING DEVIC	CES AND METHOL	os				
Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450								
We are transmittii	ng the following docu	ments along with th	is Transmittal Sheet	(which is submitte	d in triplicate):			
A Petitic X	zed return postcard. In for Extension of Timation Disclosure Statements cited on the 1-st for continued examinated Brief and a check in the amount of \$ed copy of a application U.S.C. §119.	atement (2 pgs); cop449 forms. ination (RCE) and in the amount of \$, for ation, Serial No,	pies of <u>0</u> application a check in the amou, for the required filed, t	nt of \$, for the Appeal Brief filin he right of priority	pgs); and copies of required filing feed gets. of which is claimed			
	Fee Calc	ulation for Claims	Pending After Ame	ndment				
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required			
Total Claims				x \$50 =				
Independent Claims				x \$200 =				
One o	r More New Multiple	Dependent Claims	Presented? If Yes, A	.dd \$360 Here →	·			
Total Additional Claim Fees Required								
papers and please copies of this shee CERTIFICATE	nis a PETITION FO. c charge any addition et are enclosed. UNDER 37 C.F.R. §1 bed hereinabove, are	nal fees or credit o	verpayment to Depo	osit Account No. 1	3-4895. Triplicate Letter and the			
envelope addresse	d to: Mail Stop Ame クチム day of <u>May,</u> 200	ndment, Commissi	oner for Patents, P.C	. Box 1450, Alexa				
MUETING, RAASCH & GEBHARDT, P.A. By: By:								

Customer Number: 26813

Kevin W. Raasch Reg. No.: 35,651

Direct Dial: 612-305-1218 Facsimile: 612-305-1228

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Str. Con 14	pplicant(s):	Joel R. DUFRESNE et al.)	Group Art U	Jnit:	1774
	Serial No.:	10/682,597)	Examiner:	Lyle A	Alexander
•	Confirmation	No.: 9772)			
	Filed:	9 October 2003)))			
	For:	MULTILAYER PROCESS	SING DEV	VICES AND	METHO	DS

INFORMATION DISCLOSURE STATEMENT

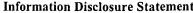
Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

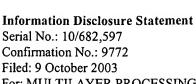
Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Per M.P.E.P. § 609, the information cited in the present Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 forms is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 forms, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

It is believed that no fee is due, as this Information Disclosure Statement is filed prior to the receipt of any Action on the merits. However, in the event a fee is due, please charge any fee or credit any overpayment to Account No. 13-4895.



Serial No.: 10/682,597 Confirmation No.: 9772





For: MULTILAYER PROCESSING DEVICES AND METHODS

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

CERTIFICATE UNDER 37 C.F.R. 1.8:

The undersigned hereby certifies that this Transmittal Letter and the paper(s), as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this **1046** day of May, 2006.

Signature:

MAY 2006

Date

Respectfully submitted

By

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INFORMATION DISCLOSURE STATEMENT

Atty. Docket No.: 58663US002	Serial No.: 10/682,597
Applicant(s): Joel R. DUFRESNE et al.	Confirmation No.: 9772
Application Filing Date: 9 October 2003	Group: 1774
Information Disclosure Statement mailed:	May /O , 2006

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U.S. PATENT DOCUMENTS

Examiner Ential	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		3,856,470	12/24/74	Cullis et al.			
		4,390,499	06/28/83	Curtis et al.			
		4,632,908	12/30/86	Schultz			
		4,673,657	06/16/87	Christian			
		4,806,316	02/21/89	Johnson et al.			
		5,154,888	10/13/92	Zander et al.			
		5,219,526	06/15/93	Long			
		5,229,297	07/20/93	Schnipelsky et al.			
		5,248,479	09/28/93	Parsons et al.			
		5,254,479	10/19/93	Chemelli			
		5,258,163	11/02/93	Krause et al.			
		5,288,463	02/22/94	Chemelli			
		5,310,523	05/10/94	Smethers et al.		_	
		5,422,271	06/06/95	Chen et al.			
		5,587,128	12/24/96	Wilding et al.			
		5,643,738	07/01/97	Zanzucchi et al.			
		5,726,026	03/10/98	Wilding et al.			
		5,804,141	09/08/98	Chianese			
		5,811,296	09/22/98	Chemelli et al.			
		5,833,923	11/10/98	McClintock et al.			
		5,863,502	01/26/99	Southgate et al.			
		5,863,801	01/26/99	Southgate et al.			
		5,876,675	03/02/99	Kennedy			

EXAMINER

Date Considered

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION
DISCLOSURE
STATEMENT

Atty. Docket No.: 58663US002	Serial No.: 10/682,597
Applicant(s): Joel R. DUFRESNE et al.	Confirmation No.: 9772
Application Filing Date: 9 October 2003	Group: 1774
Information Disclosure Statement mailed:	May / O , 2006

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,955,028	09/21/99	Chow			
		6,399,025 B1	06/04/02	Chow			
		6,413,782 B1	07/02/02	Parce et al.			
		6,627,159 B1	09/30/03	Bedingham et al.			
		6,814,935 B2	11/09/04	Harms et al.			
		2004/0121471 A1	06/24/04	Dufresne et al.			

FOREIGN PATENT DOCUMENTS

Examiner	Сору	Document Number	Date	Country	Class	Subclass	Trans	lation
Initial	Enclosed						Yes	No
	X	EP 0 402 994 B1	11/30/94	EPO				
,	X	EP 0 693 560 A2, A3	01/24/96	ЕРО				
	X	WO 94/26414 A1	11/24/94	WIPO				
	X	WO 96/15576 A1	05/23/96	WIPO				
	X	WO 96/34028 A1	10/31/96	WIPO				
	X	WO 96/34029 A1	10/31/96	WIPO				
	X	WO 97/21090 A1	06/12/97	WIPO				
	X	WO 99/44740 A1	09/10/99	WIPO				
	X	WO 01/07892 A1	02/01/01	WIPO				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
		Handbook of Pressure Sensitive Adhesive Technology, Donatas Satas (Ed.) 2 nd Edition, Title page, p. 172, and FIG. 8-16 on p. 173, Van Nostrand Reinhold, New York, NY, 1989 (2 pgs).

EXAMINER	Date Considered	

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OMB No. 0651-0011
Page 3 of 3

INFORMATION DISCLOSURE STATEMENT

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Application Filing Date: 9 October 2003	Group: 1774
Information Disclosure Statement mailed:	May / Ø_, 2006

Examiner Initial	Copy Enclosed	Document Description
	X	Sobieski et al., "18. Silicone Pressure Sensitive Adhesives," <i>Handbook of Pressure Sensitive Adhesive Technology</i> , Donatas Satas (Ed.) 2 nd Edition, Van Nostrand Reinhold, New York, Title page and p. 508-517 (6 pgs).
	X	Test Methods for Pressure Sensitive Adhesive Tapes, Pressure Sensitive Tape Council, 1996, Title page, Table of Contents, and page 6 (3 pgs).
	X	Unger et al., "Monolithic Microfabricated Valves and Pumps by Multilayer Soft Lithograpy," <i>Science</i> , 7 April 2000, Vol. 288:113-116.

EXAMINER	Date Considered

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